

**Issue
No. 104**

The Official Publication of the
**NATIONAL LOCKSMITH
AUTOMOBILE ASSOCIATION™**

10.09

2008 Kia Spectra



1. 2008 KIA Spectra



**2. Code Series: V1-V1200 /
Key Blank: Ilco X236/HY14**

Here are the two best websites for Automotive Locksmiths:

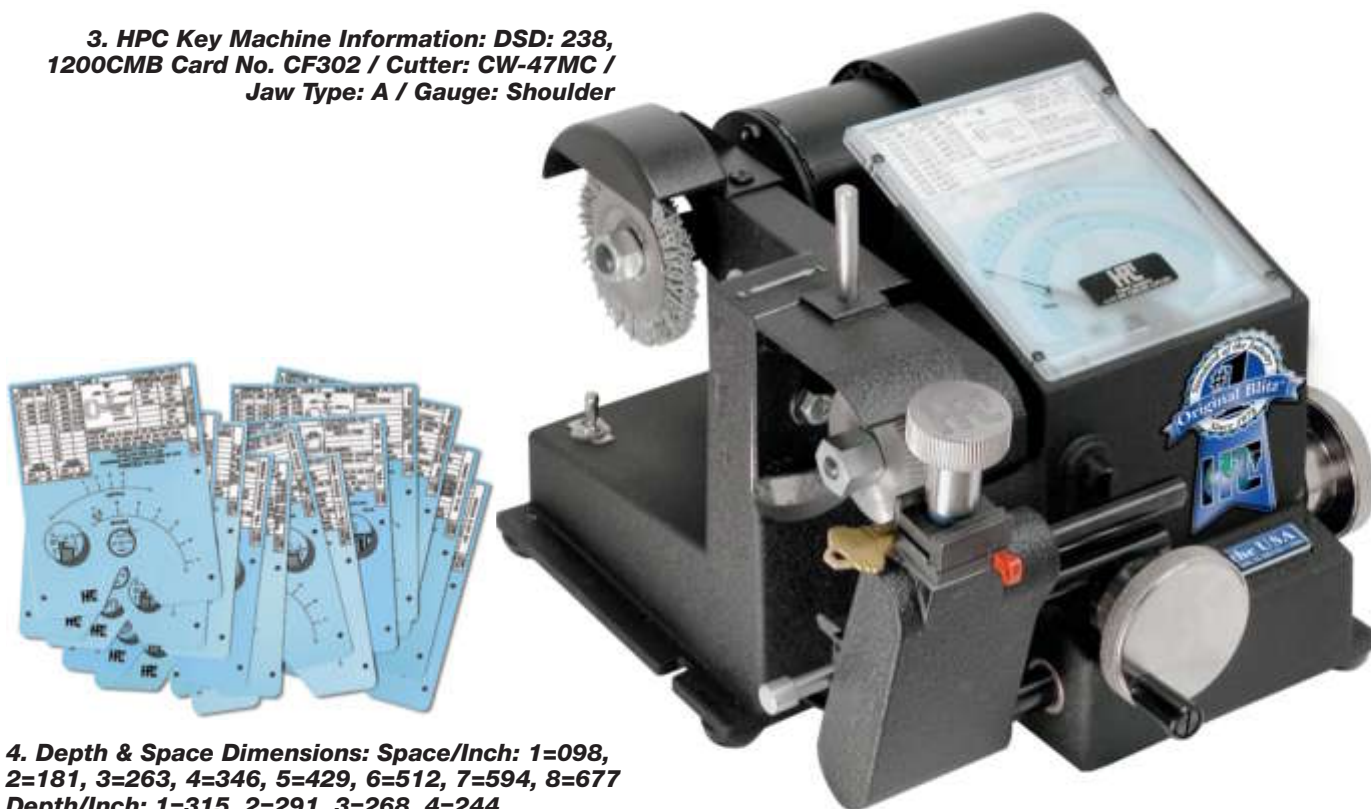
www.TheNationalLocksmith.com

Chat, Forums, Editorial,
Online Store, Tech Support

www.Laserkey.com

Product & Technology Sales,
Transponder Information Resources

**3. HPC Key Machine Information: DSD: 238,
1200CMB Card No. CF302 / Cutter: CW-47MC /
Jaw Type: A / Gauge: Shoulder**



**4. Depth & Space Dimensions: Space/Inch: 1=098,
2=181, 3=263, 4=346, 5=429, 6=512, 7=594, 8=677
Depth/Inch: 1=315, 2=291, 3=268, 4=244.**

National Locksmith Automobile Association™

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Greg Mango

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1533 Burgundy Parkway
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Phone 630-837-2044
Fax 630-837-1210

E-mail address: natllock@aol.com

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Manufacturers: Interested in
offering rebates or discounts to
NLAA members? Contact Marc
Goldberg at the Home Office



**5. The HPC No.ASJ-1200 Automotive Super
Jaw Kit fits the HPC Blitz™ and helps cut
double-sided automotive keys without shims
and wires. Automotive Super Jaw Card No.
ASC302.**

**6. HPC Car Opening
Authority® Technique
TC-2**



7. Recommended Tool/Kit: HPC No.AKK-GF Gold Finger Automotive Killer Kit / Includes HPC No.CO-90 Gold Finger™, HPC No.AW-99 Air Wedge®, HPC No.AS-1 AutoSleeve™



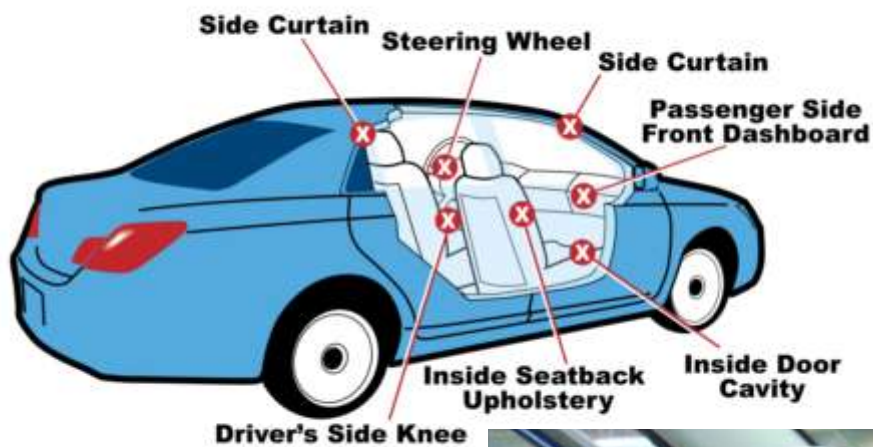
8. Carefully wedge a gap at the window and frame using the HPC No.AW-99 Air Wedge®. Use the HPC No.AS-1 AutoSleeve™ to prevent damage to the weather stripping and automobile finish. Note: Extra care should be taken when prying the door away from the door frame.



9. Insert the HPC No.CO-90 Gold Finger™ through the gap. Position the tip of the tool on the electric lock switch or by pulling out on the rocker button. Remove tool and deflate Air Wedge® before opening door.



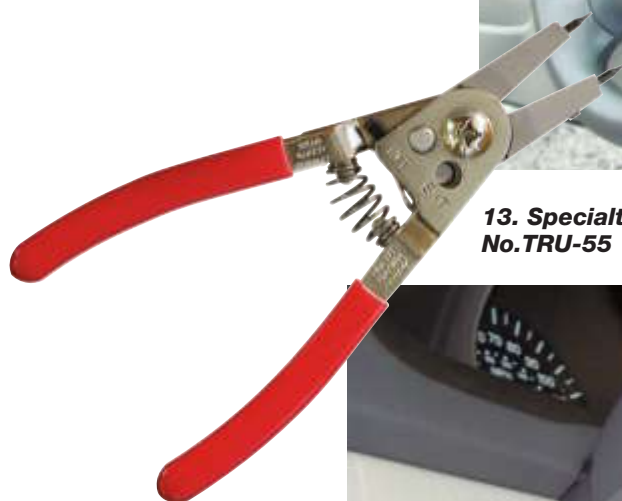
10. Lock Picking Style: HPC Car Opening Authority Technique PX: Ignition Lock: Acc./On/Start = CW, Off/Lock = CCW. Driver Side Door Lock: Lock = CCW, Unlock = CW. Passenger Side Door Lock: No Lock. Trunk Lock: Unlock = CW. Glove Box Lock: No Lock.



11. Vehicle Air Bag Locations: Driver Side Steering Wheel, Side Curtain, Passenger Side Front Dash.

Ignition Lock

12. Ignition Lock Removal. Tumblers: 8 / Tumbler Positions: 1-8.



13. Specialty Tools Needed: Truarc Ring Pliers HPC No.TRU-99 or HPC No.TRU-55

14. Position steering wheel column to remove 3 (P-2) screw on bottom portion of column shroud.



15. To access ignition lock, unsnap bottom portion of column shroud from top portion and remove from column.



16. To remove illumination ring, remove 1 (P-2) screw.



17. Carefully pull outward on illumination ring.



18. With lock in "Accessory" position, depress on cylinder depression pin located at bottom of ignition lock to remove lock.



19. Pull outward on ignition lock to remove.

20. Picture of ignition lock.



21. To disassemble ignition lock, remove Truarc ring from ignition lock using HPC No. TRU-55 Truarc Ring Pliers.

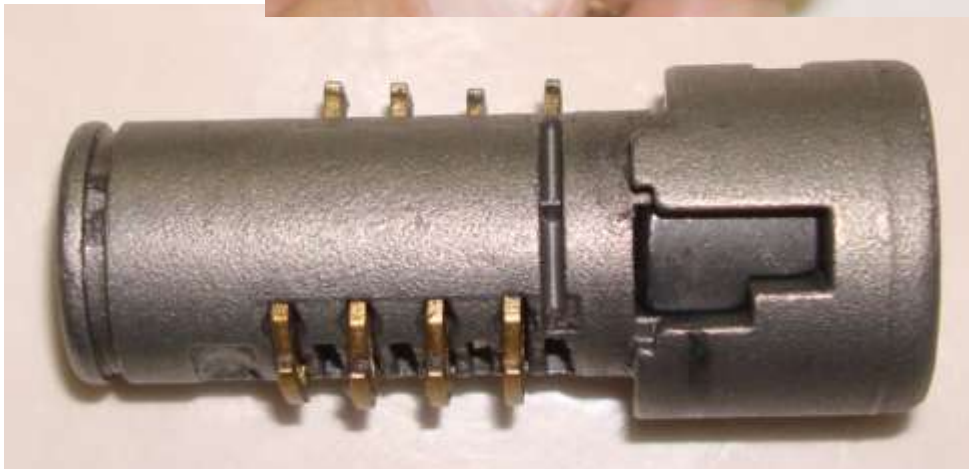
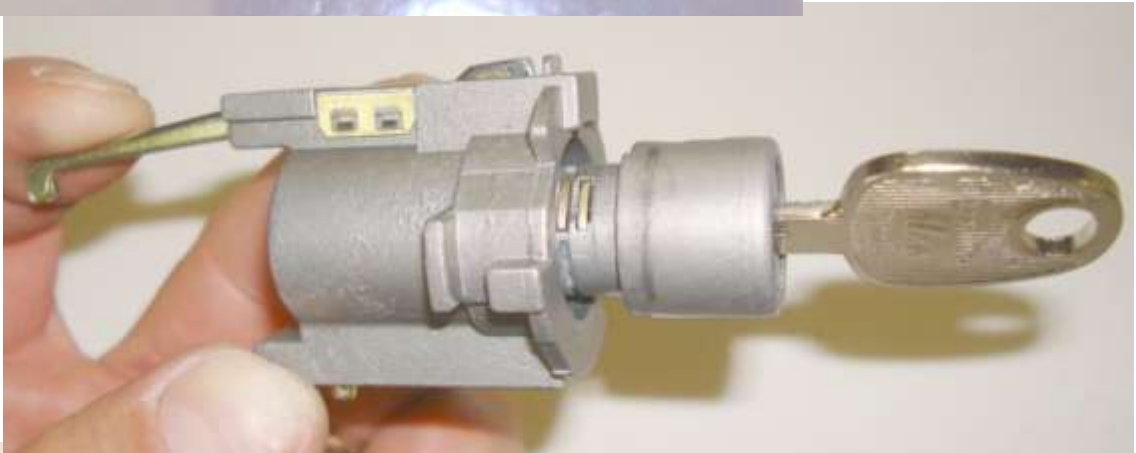
22. Remove the rubber stop of housing and face cap.





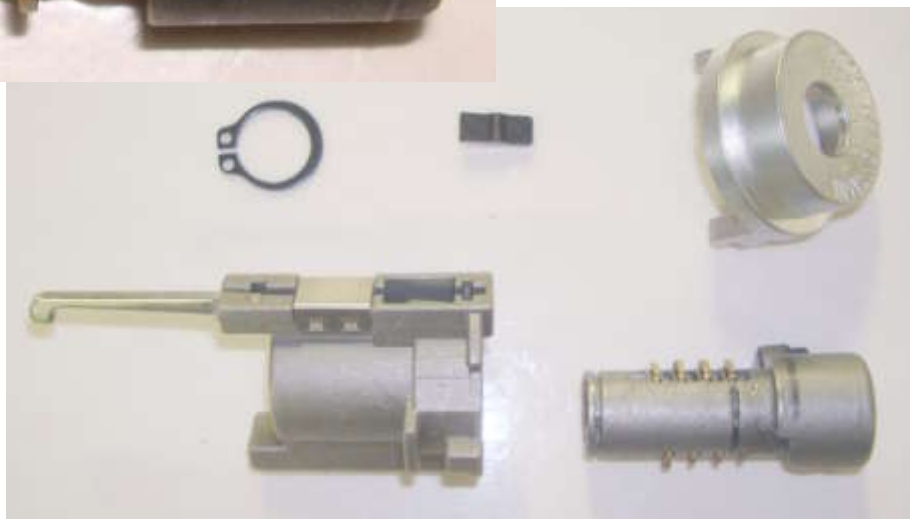
23. Turn face cap to remove from housing.

24. With core in accessory position, push downward at end of indicator arm and pull outward on core to remove.



25. Picture of ignition lock core.

26. Picture of ignition lock parts.





Door Lock

27. Door Lock Removal. Tumblers: 8 / Tumbler Positions: 1-8.



28. Door Panel Removal.



29. Specialty Tools Needed: HPC Clip Removal Tool No.AST-4.



30. Remove upper mirror access panel, 1 snap clip.

31. Using an awl, carefully pull outward on screw access cap at door latch release lever.



32. Remove 2 (P-2) screws.



33. Remove handle trim by pulling outward then sliding toward hinge side of door.



34. Pull upward on power window assembly to remove (6 snap clips).



35. Disconnect power window plugs.



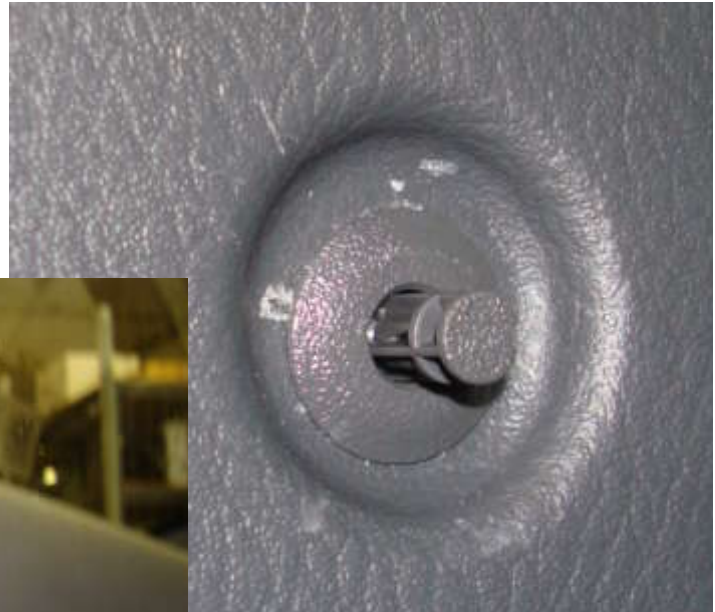
36. Remove arm rest pad by pulling upward, 3 snap clips.



37. Remove 2 (P-2) screws.



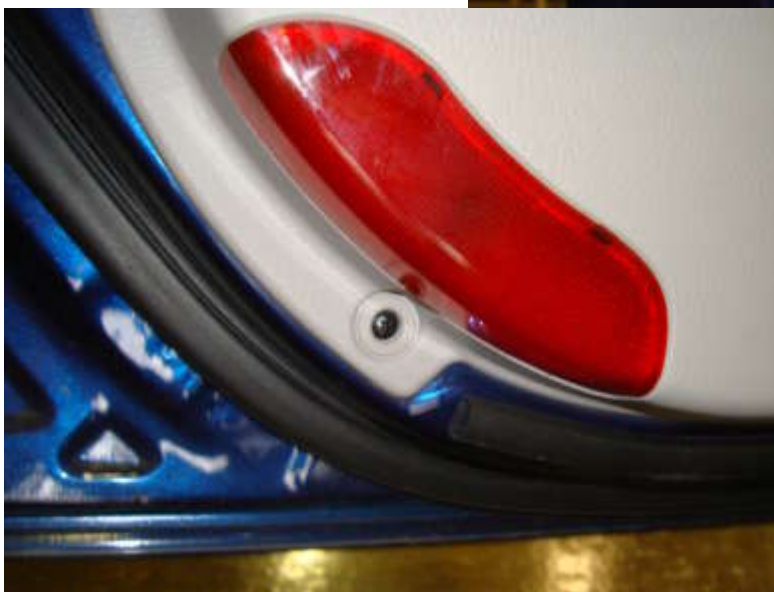
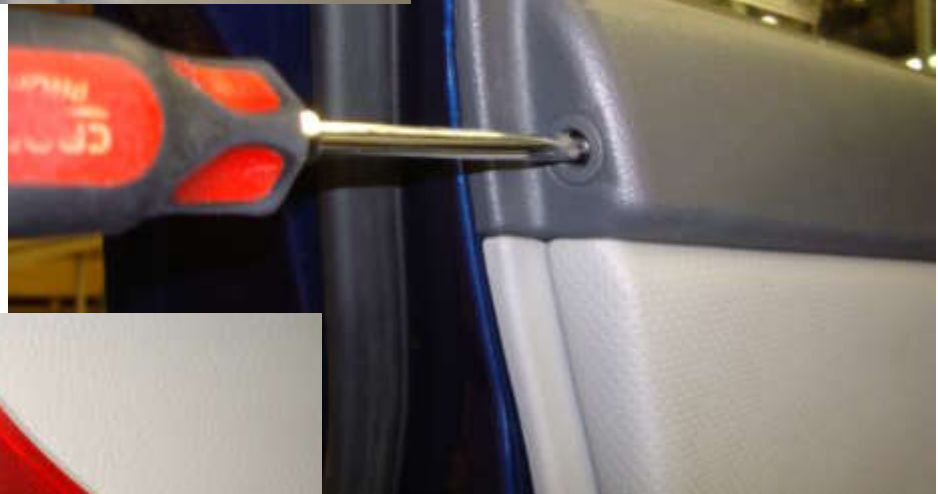
38. Remove rivet type clip at upper hinge side of door panel.



39. Remove screw access cap at upper latch side of door panel.



40. Remove 1 (P-2) screw.



41. Remove screw access cap and 1 (P-2) screw at lower latch side of door panel.



42. Using the HPC Clip Removal Tool, (6 Clips) pull outward on bottom portion of door panel, then lift upward on panel to remove.



43. Disconnect speaker plug.

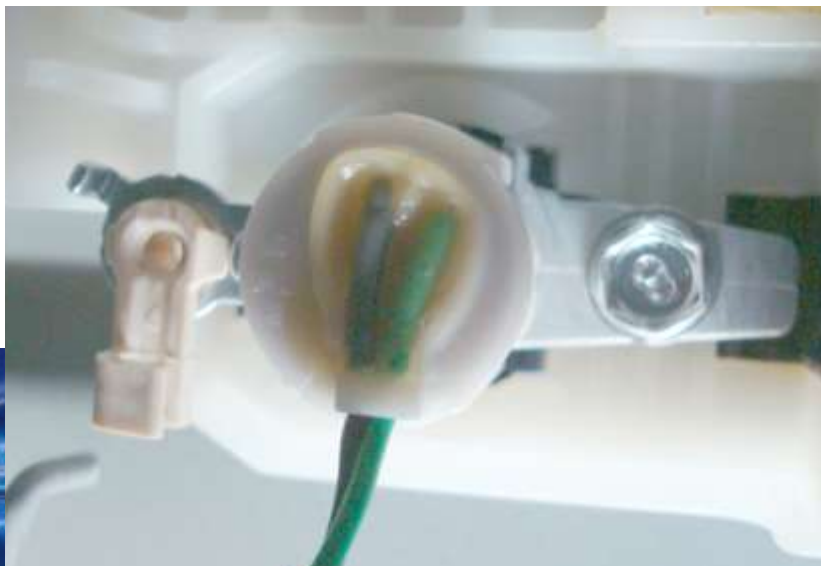


44. Picture of back side of door panel.

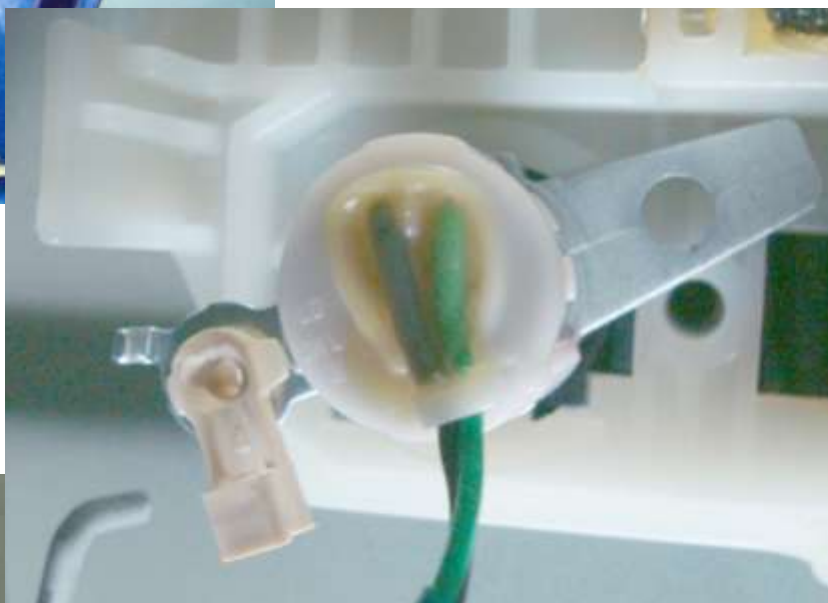
45. Carefully peel back on plastic door liner to access door lock and linkage.



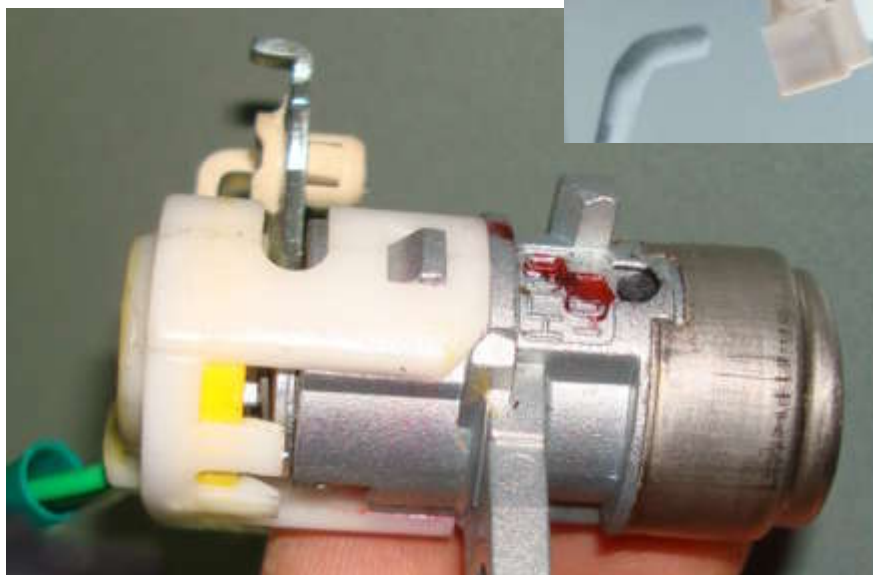
46. Disconnect linkage from lock driver.



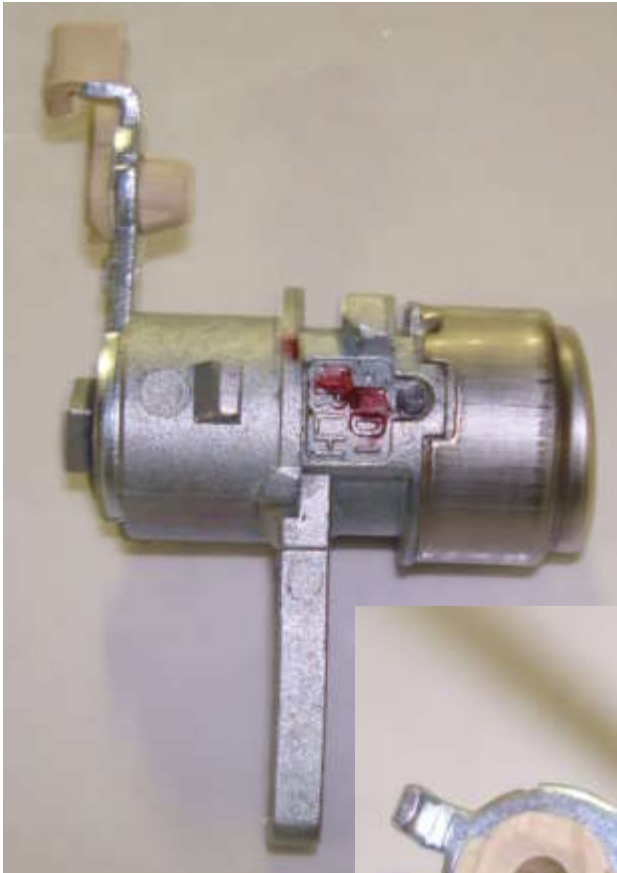
47. Remove 1 (10mm) bolt.



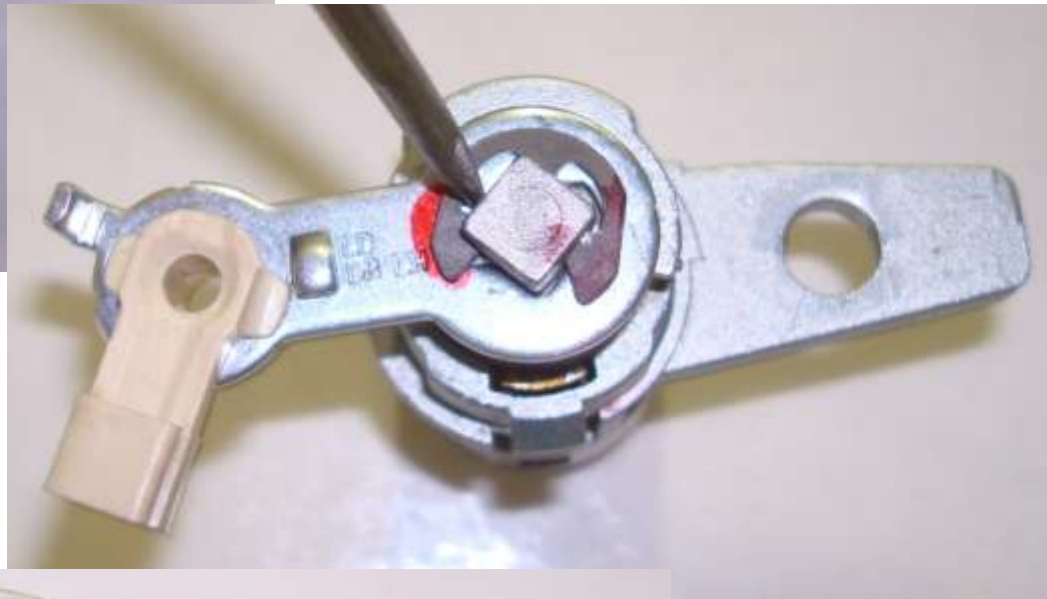
48. Turn door lock counter clockwise to remove from handle assembly.



49. Carefully disconnect actuator from back of lock.



50. Picture of door lock.

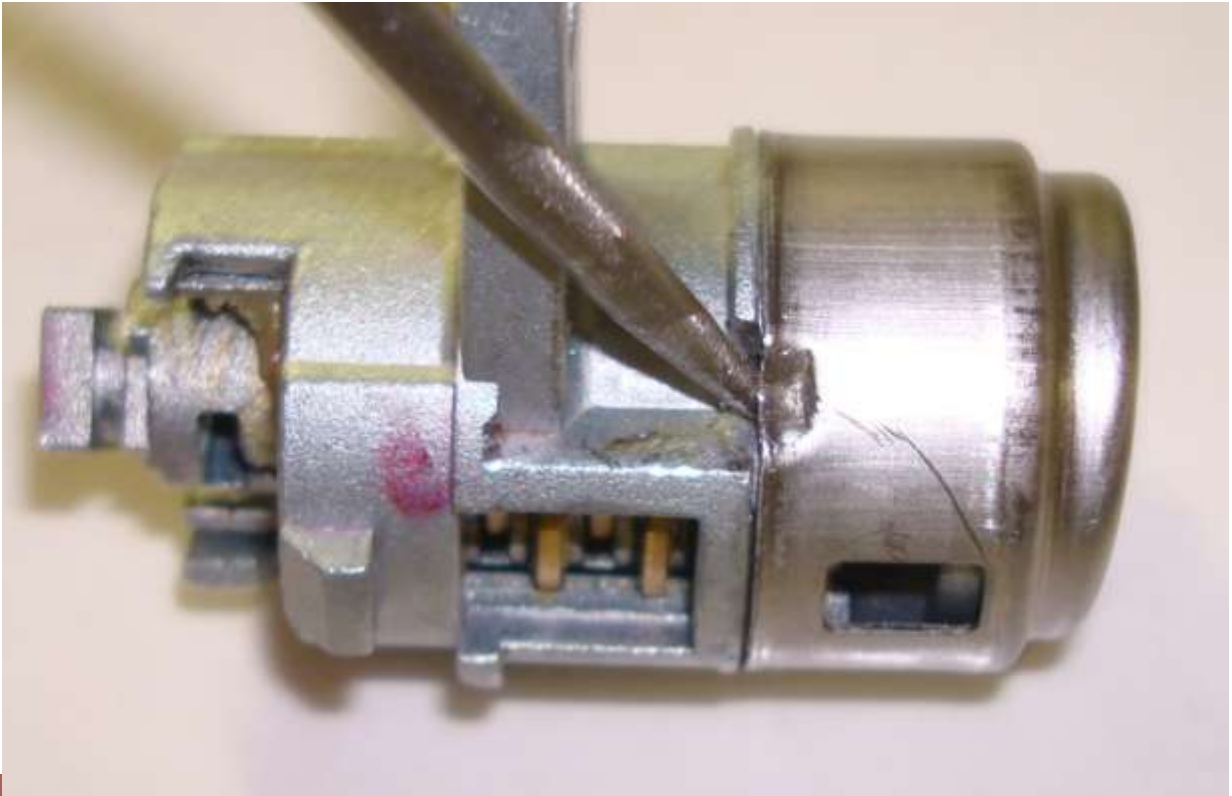


51. To disassemble door lock, remove C-clip and driver from back of lock.



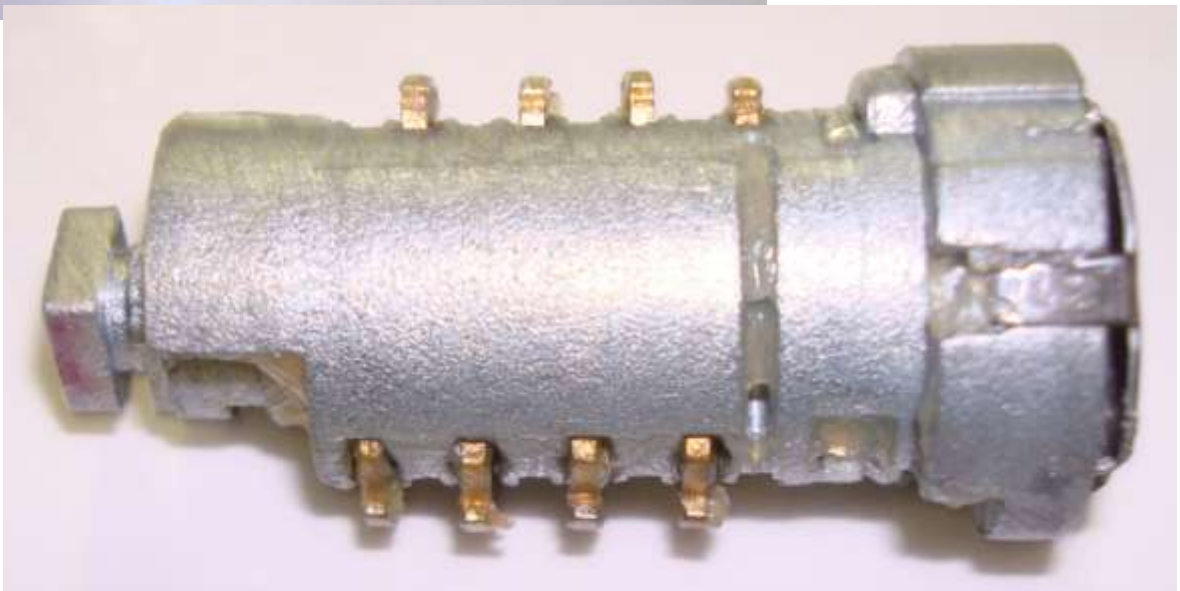
52. Remove spring from back of lock.

**53. Remove
face cap
from lock.**



**54. Remove core from door lock
housing.**

**55. Picture of
door lock core.**





56. Picture of door lock parts.



57. Trunk Lock Removal. Tumblers: 8 / Tumbler Positions: 1-8.



58. If there is a trunk lid liner present, remove liner to access back side of trunk lock and linkage.



59. Disconnect linkage from lock driver.

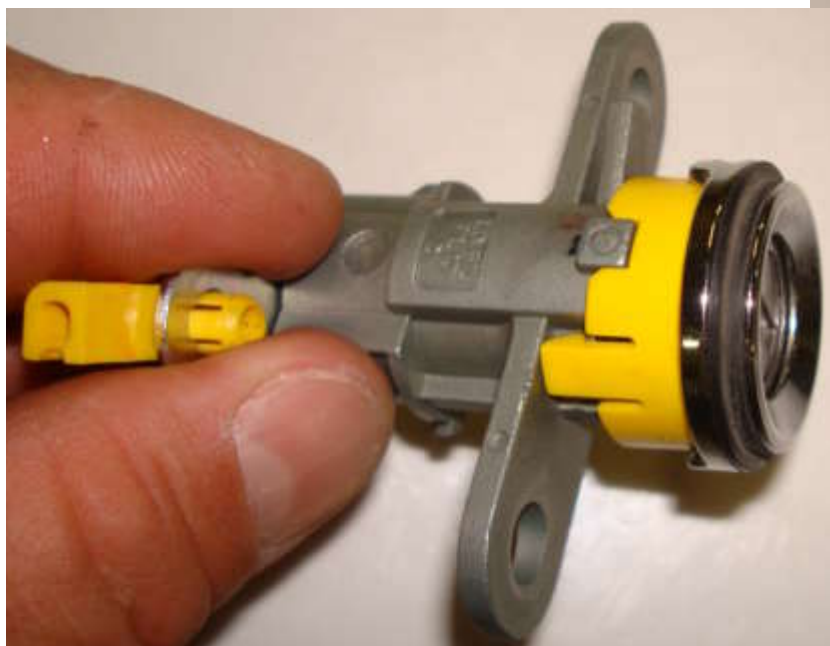
60. Remove 2 (10mm) bolts.



61. Rotate lock and pull outward to remove.

Trunk Lock

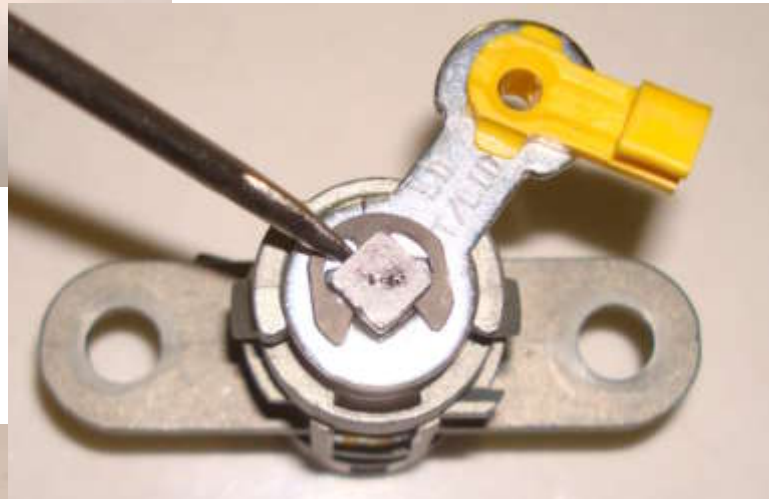
62. Picture of trunk lock.



63. There is a plastic face cap over a steel face cap on trunk lock.



64. Carefully remove plastic face cap.



65. Remove C-clip and driver from back of lock.

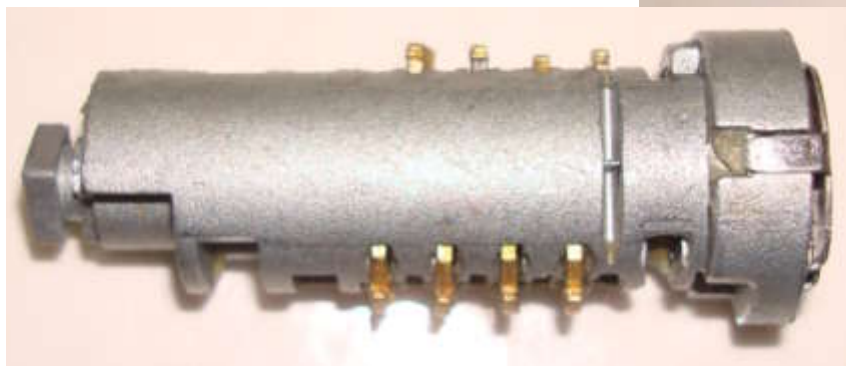
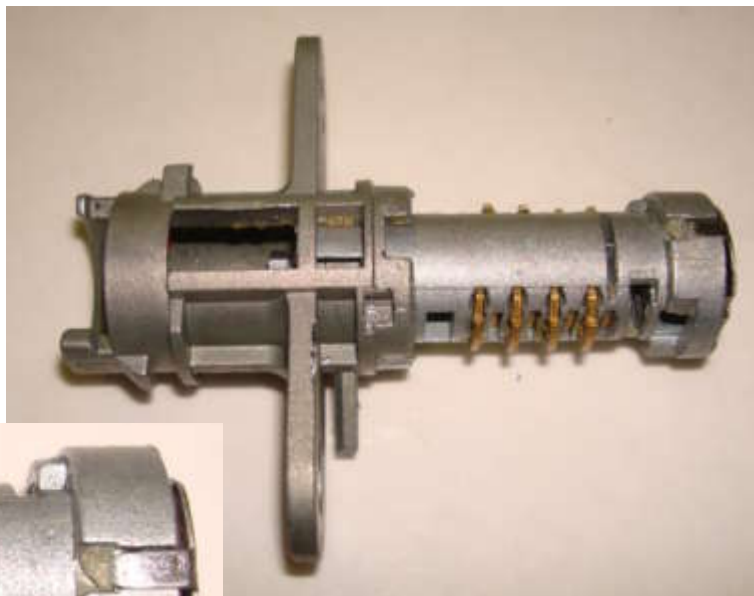


66. Remove spring from back of lock.



67. Remove face cap from lock.

68. Remove core from door lock housing.



69. Picture of trunk lock core.

70. Picture of trunk lock parts.



71. Picture of front of vehicle.

NLAA
1533 Burgundy Parkway
Streamwood, Illinois 60107

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72. Picture of rear of vehicle.



73. Picture of driver side of vehicle.



74. Picture of passenger side of vehicle.